

**THAT WHICH IS CLAIMED IS:**

1. Method for the decomposition of an event-driven application in an electronic device including a smart-card and wherein the application resident in the smart-card may be decomposed in at least two modules, a central module and one or more complementary modules, the method providing:

- managing the interaction between said modules by a framework of the smart-card; and,
- generating new set of events by said framework after execution of said central module.

2. Method according to claim 1, wherein said framework generates a new event just after the completion of the central module execution.

3. Method according to claim 1, wherein said framework generates a new event just after completing any remaining framework event-related task.

4. Method according to claim 1, wherein each complementary module is registered and triggered to an appropriate new event.

5. Method according to claim 1, wherein an interface defined by the framework is provided to said central module and to the complementary modules.

6. Method according to claim 1, wherein the same input data delivered to the central module are also provided to the complementary modules.

7. Method for the decomposition of an event-driven application in an electronic device including a

smart-card with resident applications that may be decomposed in modules, at least a central module and a plurality of complementary modules, said method providing:

- a framework in said smart card for managing the interaction between said central module and the complementary modules; and,
- for generating new set of events upon the completion of said central module execution.

8. Method according to claim 7, wherein said framework generates a new event just after completing any remaining framework event-related task.

9. Method according to claim 7, wherein each complementary module is registered and triggered to an appropriate new event.

10. Method according to claim 7, wherein an interface defined by the framework is provided to said central module and to the complementary modules.

11. Method according to claim 7, wherein the same input data delivered to the central module are also provided to the complementary modules.

12. An electronic device including a smart card set up to operate according to the method of claim 1.

13. An electronic device according to claim 12 wherein said central module and said complementary modules reside in separate and independent memory spaces.

14. An electronic device according to claim 12 wherein said central module resides in a read only memory space and said complementary modules reside in a programmable memory space.